

## Master Syllabus

### FST 1555 - Hazardous Waste Operations & Emergency Response (HAZWOPER)

**Division:** Business and Public Services

**Department:** Fire Science Technology

**Credit Hour Total:** 3.0

**Lecture Hrs:** 2.0 **Lab Hrs:** 2.0

**Date Revised:** October 2013

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#### Course Description:

Training required to enter or work on a hazardous waste site with emphasis on personnel safety, site hazards, toxicology, personal protective equipment, decontamination, site characterization and site control. Two classroom, two lab hours per week.

#### General Education Outcomes:

- Critical Thinking/Problem Solving Competency

#### Course Outcomes:

##### Safety plan

Describe the elements of a site safety plan.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Correctly answer at least 70% of exam questions.

##### Laws

Identify regulatory laws.

**Assessment Method:** Locally developed exams

**Performance Criteria:** Correctly answer at least 70% of exam questions.

##### Occupational hazards

Distinguish and describe the occupational hazards associated with hazardous waste sites.

**Assessment Method:** Simulations

**Performance Criteria:** With at least 70% accuracy, correctly identify and describe associated occupational hazards.

##### Protective equipment

Identify and correctly wear various personal protective equipment.

**Assessment Method:** Simulations

**Performance Criteria:** With at least 70% accuracy, identify and correctly wear appropriate personal protective equipment.

#### Outline:

Regulatory aspects  
Occupational hazards  
Planning and organization  
Site management  
Monitoring equipment  
Personal protective equipment  
Decontamination